

PATENT ABSTRACTS OF JAPAN

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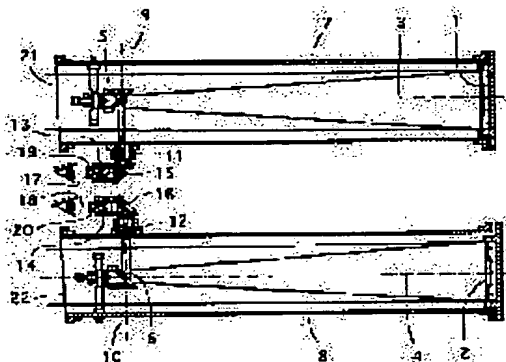
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(54) REFLECTING BINOCULAR TELESCOPE

(57)Abstract:

PURPOSE: To use a telescope for observing objects both in the sky and on the ground, to easily adjust the pupil distance through it has a large diameter and further to attain natural observation posture and erected binocular vision.

CONSTITUTION: In a Newtonian reflection telescope, a pair of right and left main lens barrels 7 and 8 is arranged, where the optical axis of plane oblique mirrors 5 and 6 is turned by 90° by roof prisms 15 and 16 arranged at the bonding part of telescopic 1st ocular lens barrels 11 and 12, and 2nd ocular lens barrels 13 and 14 and on the 2nd ocular lens barrel side, and which has the ocular lens barrel where the optical axis of the 2nd ocular lens barrel is set to be parallel with the optical axis of the main lens barrel. The 1st ocular lens barrels 11 and 12 of the main lens barrels are opposed to each other and their optical axes are arranged on a line.



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